CLAIMS

What is claimed is:

1. A rigid laminated material comprising:

(a) a two-sided laminate configured wherein the peripheral portions thereof border a pan-like sunken portion on a side thereof; and

(b) reinforcing material self-bonded to said laminate within said pan-like sunken portion.

2. The rigid laminated material of claim 1 wherein said two-sided laminate has outer peripheral portions and interior peripheral portions bordering at least partially said pan-like sunken portions on a side thereof.

3. The rigid laminated material of claim 1, wherein the two-sided laminate comprises a substantially flat acrylic sheet that is configured by heating and vacuum molding means.

4. A rigid laminated material comprising:

(a) a laminate having a top side and a reverse side, said reverse side comprising a pan-like sunken portion; and

(b) self-bonding reinforcing material poured into said pan-like sunken portion to bond thereto.

5. The rigid laminated material of claim 4 wherein the laminate has at least one interior opening within said laminate.

6. A rigid laminated material comprising:

(a) A laminate having a top side and a reverse side, said reverse side having raised edges; and

(b) self-bonding reinforcing material poured onto said reverse side and bounded by said raised edges.

7. The rigid laminated material of claim 6 wherein said laminate has at least one opening within the laminate interior, said opening having edges raised from said reverse side.

8. A method for producing a rigid laminated material, said method comprising the steps of:

(a) configuring a two-sided laminate so that the outer peripheral portions thereof border a pan-like sunken portion on a side thereof;

(b) placing self-bonding reinforcing material within said pan-like sunken portion; and

(c) curing said reinforcing material.

9. The method of claim 8, further comprising the step of configuring said two-sided laminate to have at least one interior opening, said opening having edges raised in the same direction as the outer peripheral portions.

10. The method of claim 9, wherein the step of configuring said openings comprises heating said laminate and shaping a conical indentation in said laminate and eliminating the portions of said conical indentation extending beyond the height of the cured reinforcing material.

11. The method of claim 8, further comprising the step of smoothing the surface of the cured reinforcing material.

12. The method of claim 8, wherein the step of forming the laminate comprises heating an acrylic sheet and forming it by vacuum means while heated.

13. The method of claim 8, further comprising the step of applying a temporary dam to bridge any gaps in the edges of said laminate sheet for containing the reinforcing material before said reinforcing material is cured.